

# DOE's E-VISION 2002

May 15, 2002

"State and Local Government  
Experiences With Reducing Energy  
Intensity"

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NYSERDA

# State Experiences With Reducing Energy Intensity

- Administrator
  - Design and Implement System Benefits Charge Programs
- Regulator
  - State Energy Code
  - Green Building Tax Credit
  - State Purchasing Standards
- Facilitator
  - State EnVest/ESCO's
  - \$125 Million tax exempt leasing
- Policy Maker
  - Executive Order
  - Lower Manhattan Redevelopment



# State Experiences with Reducing Energy Intensity

- Administrator of SBC Program
  - Initial 3-year Outcomes
    - \$201M in funds committed
    - 35 programs leveraging \$617M
  - New Construction
    - Transforming the way buildings are designed and built
  - Existing Buildings – C/I Performance Program
    - +1500 Building retro-fits with ESCO's
    - 36 School districts
    - Local Government buildings; WWTP; Traffic lights



# Policy Maker

- “Green and Clean” State Buildings and Vehicles
- Executive Order #111 Requirements
  - 35% Reduction in energy consumption by 2010
  - New Construction: “Green Buildings”
  - Existing Buildings: Energy Star®
  - Peak Demand Reduction targets



EXECUTIVE ORDER NO. 111  
“GREEN AND CLEAN”  
STATE BUILDINGS AND VEHICLES  
GUIDELINES

GEORGE E. PATAKI  
GOVERNOR

DECEMBER 2001

NEW YORK STATE  
ENERGY RESEARCH AND  
DEVELOPMENT AUTHORITY



**NYSEERDA**



# Policy Maker

- “Green and Clean.....” – Continued
  - 20% of Power from Renewables by 2010
  - 100% Alternative-Fueled Vehicles
  - 17 Agency Advisory Council chaired by NYSERDA
  - Mandatory on State: Voluntary Local Government/Schools





# Policy Maker

- Lower Manhattan Redevelopment
  - NYSERDA President on the LMRC Board
  - Target and Enhance SBC Programs
  - Green Building Guidelines



# Outcomes

- Establish demand for energy efficient technologies
- Facilitate competition in private sector
- Develop infrastructure and transform markets
- Fill “gaps” in public need
- Aggregate underserved markets
- Overcome long-standing barriers
- Better environmental quality, health, and economic benefits
- Increase energy affordability and comfort
- Leverage private and federal \$

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